

Message

From: Smith, Emily J. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3170DC8557CB488285DE7652AD162CDD-SMITH, EMILY J.]
Sent: 7/31/2018 4:00:57 PM
To: Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
Subject: RE: Questions about blood analysis method
Attachments: Strynar et al. 2015.pdf; Sun et al. 2016.pdf

Thanks Andy! I appreciate the info. Mark also got back to me earlier today via email, and he said the method is "targeted." Akkk! You guys figure out what it is and let me know! 😊 I just need to know how to reference it in the desk statement. We'll need to be able to say whether it's a targeted or non-targeted method.

Thank you for your help with communicating about this!!

-Emily

Emily J. Smith
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From: Lindstrom, Andrew
Sent: Tuesday, July 31, 2018 11:55 AM
To: Smith, Emily J. <Smith.Emily@epa.gov>
Subject: RE: Questions about blood analysis method

Emily,

Yes, this is nontargeted – at least to start with. Once you've found a new compound in the nontargeted screen it becomes targeted and you develop and optimized method for these newly found materials. So it's a stepwise approach with continuous optimization as more new compounds are discovered. A method is never really "done". It just becomes useful and reliable enough to provide relevant data.

So the ultimate target list includes everything in Figure S1 of the Sun et al. above and compounds listed in Figure 3, in Strynar et al 2015.

Thank you,

Andy

From: Smith, Emily J.
Sent: Tuesday, July 31, 2018 11:06 AM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>

Cc: Strynar, Mark <strynar.mark@epa.gov>
Subject: RE: Questions about blood analysis method
Importance: High

Thank you Andy! Can you tell me, is the blood analysis method that NERL developed considered a non-targeted analysis method?

Also, what specific PFAS was the blood designed to measure? I'm assuming that the compounds listed below are some of them. Correct? If there are others, can you please send them to me?

- Perfluoro-2-methoxyacetic acid (PFMOAA);
- Perfluoro-3,5-dioxahexanoic acid (PFO2HxA);
- Perfluoro-3,5,7-trioxaoctanoic acid (PFO3OA), and
- Two chemical byproducts from the production of Nafion.

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From: Lindstrom, Andrew
Sent: Tuesday, July 31, 2018 10:56 AM
To: Smith, Emily J. <Smith.Emily@epa.gov>
Subject: RE: NCSU proposal to NIH

Emily,

Please let me know if I can help in any way.

Thank you very much,

Andy

From: Smith, Emily J.
Sent: Tuesday, July 31, 2018 10:49 AM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Subject: NCSU proposal to NIH
Importance: High

Hi Andy,

Could you email me the NCSU proposal for this study as soon as you're able? I think it would be helpful for me. Thanks much!

-Emily

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